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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number 10/568,788
 Filing Date 10/03/2006
 First Named Inventor Achilles et al.
 Art Unit 3676
 Examiner Name J. Gay
 Attorney Docket Number 930092-2028

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-	4,572,722	02/25/1986	Dyer	
	US-	4,636,253	01/13/1987	Nakai et al.	
	US-	4,664,705	05/12/1987	Horton et al.	
	US-	4,726,718	02/23/1988	Meskin et al.	
	US-	4,766,040	08/23/1988	Hillert et al.	
	US-	4,793,828	12/27/1988	Bumand	
	US-	4,871,377	10/03/1989	Frushour	
	US-	4,940,180	07/10/1990	Martell	
	US-	4,976,324	12/11/1990	Tibbetts	
	US-	5,011,514	04/30/1991	Cho et al.	
	US-	5,027,912	07/02/1991	Juergens	
	US-	5,127,923	07/07/1992	Bunting et al.	
	US-	5,199,832	04/06/1993	Meskin et al.	
	US-	5,205,684	04/27/1993	Meskin et al.	
	US-	5,337,844	08/24/1994	Tibbitts	
	US-	5,460,233	10/24/1995	Meany et al.	
	US-	5,560,716	10/01/1996	Tank et al.	
	US-	5,645,617	07/08/1997	Frushour	
	US-	5,667,028	09/16/1997	Truax et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
		EP 1190791 A2	03/27/2002	Camco International (UK)	
		GB 2374618 A	10/23/2002	Baker Hughes Incorporated	
		RU 566439	01/20/2000	Bibaev et al.	✓
		RU 2034937 C1	09/21/2004	Khapchaev et al.	✓
		WO 93/023204 A1	11/25/1993	Tempo Technology Corp.	
		WO 04/106003 A1	12/09/2004	Element Six	

Examiner Signature	Date Considered
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Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 3

Application Number	10/568,788
Filing Date	10/03/2006
First Named Inventor	Achilles et al.
Art Unit	3676
Examiner Name	J. Gay
Attorney Docket Number	930092-2028

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,722,499	03/03/1998	Nguyen et al.	
		US- 5,935,323	08/10/1999	Tanga et al.	
		US- 6,009,963	01/04/2000	Chaves et al.	
		US- 6,063,333	05/16/2000	Dennis	
		US- 6,068,913	05/30/2000	Cho et al.	
		US- 6,189,634 B1	02/20/2001	Bertagnoli et al.	
		US- 6,592,985 B2	07/15/2003	Griffin et al.	
		US- 2005/0139397 A1	06/30/2005	Achilles et al.	
		US- 2005/0263328 A1	12/01/2005	Middlemiss	
		US- 2006/0060390 A1	03/23/2006	Eyre	
		US- 2006/0060391 A1	03/23/2006	Eyre et al.	
		US- 2006/0060392 A1	03/23/2006	Eyre	
		US- 2006/0086540 A1	04/27/2006	Griffin et al.	
		US- 2006/0260850 A1	11/23/2006	Roberts et al.	
		US- 2007/0181348 A1	08/09/2007	Lancaster et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Y ³
		Country Code ⁴ Number ⁵ Kind Code ⁶ (if known)				
		WO 04/106004 A1	12/09/2004	Element Six		

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Examiner Name	J. Gay
Attorney Docket Number	930092-2028

Sheet 3

of 3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Declaration of Stephen C. Steinke, dated July 21, 2008.	
		Field Trial Report for Smith Test Bits with Partially Leached Cutters Occurring on or before 12/22/03. (Confidential-can be obtained through U.S. Application S.N. 11/022,271)	

Examiner Signature

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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